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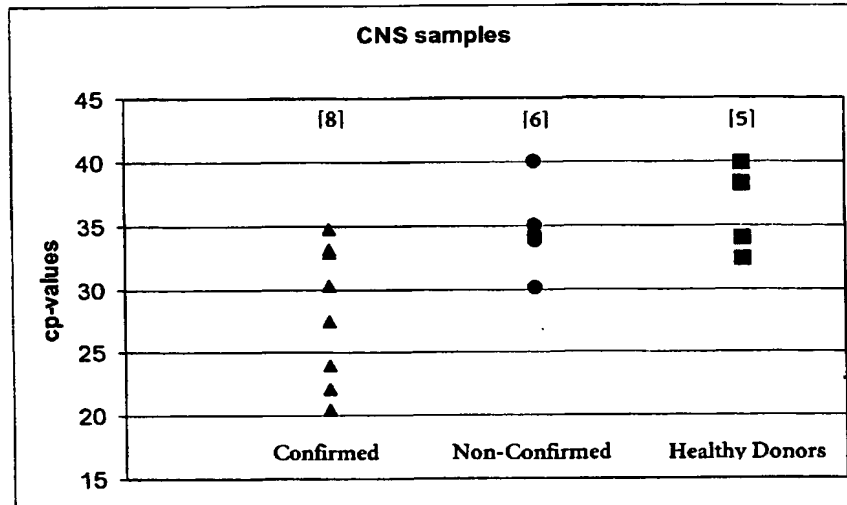
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[Continued on next page]

(54) Title: QUANTITATIVE TEST FOR BACTERIAL PATHOGENS



(57) Abstract: The present invention is directed to a method for analyzing the presence of a bacterial pathogen in a clinical sample comprising the steps of (i) at least partially isolating nucleic acid from said sample, characterized in that said nucleic acid is selected from a group consisting of either total nucleic acid, total DNA or total RNA, (ii) quantifying the amount of nucleic acid comprising a preselected sequence which is specific for said bacterial pathogen, and (iii) determining whether said amount of nucleic acid comprising a preselected sequence which is specific for said bacterial pathogen exceeds a first predetermined cut off value.

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PCT/US03/38783

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/68; C12P 19/34  
US CL : 435/6, 91.2, 91.51

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 435/6, 91.2, 91.51

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/070728 A2 (THE JOHNS HOPKINS UNIVERSITY) 12 September 2002 (12.09.2002), see entire reference, particularly pages 3-4, 7, and 9-22.	1-8

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

### \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent published on or after the international filing date
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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- "&" document member of the same patent family

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**INTERNATIONAL SEARCH REPORT**

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**Continuation of B. FIELDS SEARCHED Item 3:**

USPT, PGPB, DWPI, Medline, Lifesci, Scisearch, Embase, Biosis, Caplus

search terms: PCR, polymerase chain reaction, amplif\$8, real time, sepsis, septic\$5, staphylococc\$3, enterococc\$3, inventors' names